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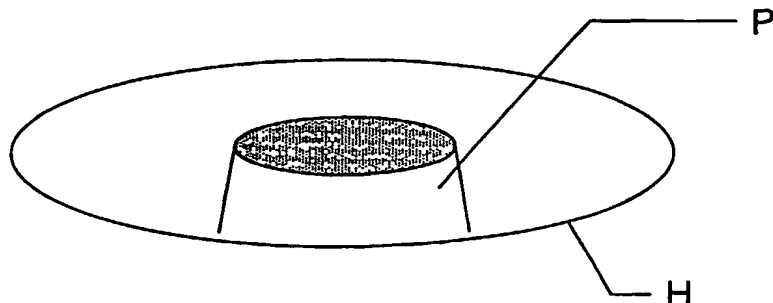
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(54) Title: **WRITING SCHEME FOR AN OPTICAL RECORDING MEDIUM**



(57) Abstract: The present invention relates to a writing scheme for writing an information to an optical recording medium by forming mark areas, e.g. pit areas, corresponding to a predetermined state of said information on a recording surface of said optical recording medium. The writing scheme is adapted to modulate the shape of said mark areas in a predetermined manner so as to obtain incomplete mark areas which do not fully cover the size which is allocated to the channel bit to be written. Thereby, the problem of folding can be prevented or alleviated during the writing

or mastering process due to the fact that the incomplete mark areas, e.g. pit effects, do not form large mirror surfaces when combined in clusters of adjacent pits. The incomplete mark areas may be obtained by modulating their shape in any manner suitable to reduce the reflection surface and/or to increase diffraction. Additionally, a multi-level modulation or a binary modulation may be achieved by controlling the shape or number of the incomplete mark areas, respectively, in accordance with the level of a multi-level coded information.

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